

## PROTECTION DEVICES

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
1N5635,A	1N5635,A	1N6145,A	1.5KE12CP,CA
↓	↓	1N6146,A	1.5KE13CP,CA
1N5665,A	1N5665,A	1N6147,A	1.5KE15CP,CA
1N5908	1N5908	1N6148,A	1.5KE16CP,CA
1N6042,A	1N6042,A	1N6149,A	1.5KE18CP,CA
↓	↓	1N6150,A	1.5KE20CP,CA
1N6072,A	1N6072,A	1N6151,A	1.5KE22CP,CA
1N6103,A	P6KE6V8CP,CA	1N6152,A	1.5KE25CP,CA
1N6104,A	P6KE7V5CP,CA	1N6153,A	1.5KE27CP,CA
1N6105,A	P6KE8V2CP,CA	1N6154,A	1.5KE30CP,CA
1N6106,A	P6KE9V1CP,CA	1N6155,A	1.5KE33CP,CA
1N6107,A	P6KE10CP,CA	1N6156,A	1.5KE36CP,CA
1N6108,A	P6KE11CP,CA	1N6157,A	1.5KE39CP,CA
1N6109,A	P6KE12CP,CA	1N6158,A	1.5KE43CP,CA
1N6110,A	P6KE13CP,CA	1N6159,A	1.5KE47CP,CA
1N6111,A	P6KE15CP,CA	1N6160,A	1.5KE51CP,CA
1N6112,A	P6KE16CP,CA	1N6161,A	1.5KE56CP,CA
1N6113,A	P6KE18CP,CA	1N6162,A	1.5KE62CP,CA
1N6114,A	P6KE20CP,CA	1N6163,A	1.5KE68CP,CA
1N6115,A	P6KE22CP,CA	1N6164,A	1.5KE75CP,CA
1N6116,A	P6KE25CP,CA	1N6165,A	1.5KE82CP,CA
1N6117,A	P6KE27CP,CA	1N6166,A	1.5KE91CP,CA
1N6118,A	P6KE30CP,CA	1N6167,A	1.5KE100CP,CA
1N6119,A	P6KE33CP,CA	1N6168,A	1.5KE110CP,CA
1N6120,A	P6KE36CP,CA	1N6169,A	1.5KE120CP,CA
1N6121,A	P6KE39CP,CA	1N6170,A	1.5KE130CP,CA
1N6122,A	P6KE43CP,CA	1N6171,A	1.5KE150CP,CA
1N6123,A	P6KE47CP,CA	1N6172,A	1.5KE160CP,CA
1N6124,A	P6KE51CP,CA	1N6173,A	1.5KE180CP,CA
1N6125,A	P6KE56CP,CA	1N6267,A	1.5KE6V8P,A
1N6126,A	P6KE62CP,CA	1N6268,A	1.5KE7V5P,A
1N6127,A	P6KE68CP,CA	1N6269,A	1.5KE8V2P,A
1N6128,A	P6KE75CP,CA	1N6270,A	1.5KE9V1P,A
1N6129,A	P6KE82CP,CA	1N6271,A	1.5KE10P,A
1N6130,A	P6KE91CP,CA	1N6272,A	1.5KE11P,A
1N6131,A	P6KE100CP,CA	1N6273,A	1.5KE12P,A
1N6132,A	P6KE110CP,CA	1N6274,A	1.5KE13P,A
1N6133,A	P6KE120CP,CA	1N6275,A	1.5KE15P,A
1N6134,A	P6KE130CP,CA	1N6276,A	1.5KE16P,A
1N6135,A	P6KE150CP,CA	1N6277,A	1.5KE18P,A
1N6136,A	P6KE160CP,CA	1N6278,A	1.5KE20P,A
1N6137,A	P6KE180CP,CA	1N6279,A	1.5KE22P,A
1N6139,A	1.5KE6V8CP,CA	1N6280,A	1.5KE25P,A
1N6140,A	1.5KE7V5CP,CA	1N6281,A	1.5KE27P,A
1N6141,A	1.5KE8V2CP,CA	1N6282,A	1.5KE30P,A
1N6142,A	1.5KE9V1CP,CA	1N6283,A	1.5KE33P,A
1N6143,A	1.5KE10CP,CA	1N6284,A	1.5KE36P,A
1N6144,A	1.5KE11CP,CA	1N6285,A	1.5KE39P,A
		1N6286,A	1.5KE43P,A
		1N6287,A	1.5KE47P,A

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
1N6288,A	1.5KE51P,A	1N6302C	1.5KE180P,A
1N6289,A	1.5KE56P,A	1N6303C	1.5KE200CP
1N6290,A	1.5KE62P,A	1N6356	1N5908
1N6291,A	1.5KE68P,A	1N6373	1N5908
1N6292,A	1.5KE75P,A	1N6402,A	P6KE6V8P,A
1N6293,A	1.5KE82P,A	.	.
1N6294,A	1.5KE91P,A	.	.
1N6295,A	1.5KE100P,A	1N6456,A	P6KE400P,A
1N6296,A	1.5KE110P,A	1N6462	P6KE6V8A
1N6297,A	1.5KE120P,A	.	.
1N6298,A	1.5KE130P,A	.	.
1N6299,A	1.5KE150P,A	1N6468	P6KE62A
1N6300,A	1.5KE160P,A	1N6470	1.5KE6V8A
1N6301,A	1.5KE170P,A	.	.
1N6302,A	1.5KE180P,A	.	.
1N6303,A	1.5KE200P,A	1N6476	1.5KE62A
1N6268C	1.5KE7V5CP	1SMB6.0,A	SM6T6V8,A
1N6269C	1.5KE8V2CP	1SMB6.5,A	SM6T7V5,A
1N6270C	1.5KE9V1CP	1SMB8.5,A	SM6T10,A
1N6271C	1.5KE10CP	1SMB10,A	SM6T12,A
1N6272C	1.5KE11CP	1SMB13,A	SM6T15,A
1N6273C	1.5KE12CP	1SMB16,A	SM6T18,A
1N6274C	1.5KE13CP	1SMB24,A	SM6T27,A
1N6275C	1.5KE15CP	1SMB26,A	SM6T30,A
1N6276C	1.5KE16CP	1SMB28,A	SM6T33,A
1N6277C	1.5KE18CP	1SMB33,A	SM6T39,A
1N6278C	1.5KE20CP	1SMB58,A	SM6T68,A
1N6279C	1.5KE22CP	1SMB60,A	SM6T68,A
1N6280C	1.5KE25CP	1SMB85,A	SM6T100,A
1N6281C	1.5KE27CP	1SMB130,A	SM6T150,A
1N6282C	1.5KE30CP	1SMB170,A	SM6T200,A
1N6283C	1.5KE33CP	1SMC6.0A	SM15T6V8,A
1N6284C	1.5KE36CP	1SMC6.5,A	SM15T7V5,A
1N6285C	1.5KE39CP	1SMC8.5,A	SM15T10,A
1N6286C	1.5KE43CP	1SMC10,A	SM15T12,A
1N6287C	1.5KE47CP	1SMC13,A	SM15T15,A
1N6288C	1.5KE51CP	1SMC16,A	SM15T18,A
1N6289C	1.5KE56CP	1SMC24,A	SM15T27,A
1N6290C	1.5KE62CP	1SMC26,A	SM15T30,A
1N6291C	1.5KE68CP	1SMC28,A	SM15T33,A
1N6292C	1.5KE75CP	1SMC33,A	SM15T39,A
1N6293C	1.5KE82CP	1SMC58,A	SM15T68,A
1N6294C	1.5KE91P,A	1SMC60,A	SM15T68,A
1N6295C	1.5KE100P,A	1.0KE5.0,A	1.5KE6V8P,A
1N6296C	1.5KE110P,A	.	.
1N6297C	1.5KE120P,A	.	.
1N6298C	1.5KE130P,A	1.0KE170,A	1.5KE200P,A
1N6299C	1.5KE150P,A	1.0KE5.0C,CA	1.5KE6V8CP,CA
1N6300C	1.5KE160P,A	.	.
1N6301C	1.5KE170P,A	.	.

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
1.0KE170C,CA	1.5KE200CP,CA	BR210-120	TPB110B18
1.2KE5.0,A	1.5KE6V8P,A	BR210-140	TPB130B18
.	.	BR210-160	TPB150B18
.	.	BR210-180	TPB160B18
1.2KE170,A	1.5KE200P,A	BR210-200	TPB180B18
1.2KE5.0C,CA	1.5KE6V8CP,CA	BR210-220	TPB200B18
.	.	BR210-240	TPB220B18
.	.	BR210-260	TPB240B18
1.2KE170C,CA	1.5KE200CP,CA	BR210-280	TPB270B18
1.5K11,A	1N5634,A	BR211-100	TPA91B18
.	.	BR211-120	TPA110B18
.	.	BR211-140	TPA130B18
1.5K200,A	1N5665,A	BR211-160	TPA150B18
1.5KA6.8,A	1.5KE6V8P,A	BR211-180	TPA160B18
.	.	BR211-200	TPA180B18
.	.	BR211-220	TPA200B18
1.5KA43,A	1.5KE43P,A	BR211-240	TPA220B18
1.5KA6.8C,CA	1.5KE6V8CP,CA	BR211-260	TPA240B18
.	.	BR211-280	TPA270B18
.	.	BR220-100	2 * TPB91B18
1.5KA43C,CA	1.5KE43CP,CA	BR220-120	2 * TPB110B18
1.5KE6.8,A	1.5KE6V8P,A	BR220-140	2 * TPB130B18
.	.	BR220-160	2 * TPB150B18
.	.	BR220-180	2 * TPB160B18
1.5KE440,A	1.5KE440P,A	BR220-200	2 * TPB180B18
1.5KE6.8C,CA	1.5KE6V8CP,CA	BR220-220	2 * TPB200B18
.	.	BR220-240	2 * TPB220B18
.	.	BR220-260	THBT200S
1.5KA440C,CA	1.5KE440CP,CA	BR220-280	2 * TPB270B18
1.5SMC6.8A	SM15T6V8A	BZW03-C7V5	BZW04-6V4
.	.	BZW03-C8V2	BZW04-7V0
.	.	BZW03-C9V1	BZW04-7V8
1.5SMC91A	SM15T91A	BZW03-C10	BZW04-8V5
3A120	TPB91A18	BZW03-C11	BZW04-9V4
3A133	TPB180A18	BZW03-C12	BZW04-10
3A138	TPB62B18	BZW03-C13	BZW04-11
3A139	TPB75B18	BZW03-C15	BZW04-13
3A140	TPB120B18	BZW03-C16	BZW04-14
3A143	TPB200B18	BZW03-C18	BZW04-15
3A249	THDT58S	BZW03-C20	BZW04-17
3A258	THDT58S	BZW03-C22	BZW04-19
5KP10,A	BZW50-10	BZW03-C24	BZW04-20
.	.	BZW03-C27	BZW04-23
.	.	BZW03-C30	BZW04-26
5KP110,A	BZW50-100	BZW03-C33	BZW04-28
5KP10C,CA	BZW50-10B	BZW03-C36	BZW04-31
.	.	BZW03-C39	BZW04-33
.	.	BZW03-C43	BZW04-37
5KP110C,CA	BZW50-100B	BZW03-C47	BZW04-40
BR210-100	TPB91B18	BZW03-C51	BZW04-44

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
BZW03-C56	BZW04-48	FP1400,A	P6KE280CP,CA
BZW03-C62	BZW04-53	FP2006,A	1.5KE6V8CP,CA
BZW03-C68	BZW04-58	.	.
BZW03-C75	BZW04-64	.	.
BZW03-C82	BZW04-70	FP2275,A	1.5KE280CP,CA
BZW03-C91	BZW04-78	FP3012,A	BZW50-10B
BZW03-C100	BZW04-85	.	.
BZW03-C110	BZW04-94	.	.
BZW03-C120	BZW04-102	FP3180,A	BZW50-180B
BZW03-C130	BZW04-111	ICT-5	1N5908
BZW03-C150	BZW04-128	ICTA-5	1N5908
BZW03-C160	BZW04-136	ITA6V1U1	ITA6V1U1
BZW03-C180	BZW04-154	ITA6V1U3	ITA6V1U3
BZW03-C200	BZW04-171	ITA6V1M3	ITA6V1M3
BZW03-C220	BZW04-188	ITA6V5B1	ITA6V5B1
BZW03-C240	BZW04-213	ITA6V5B3	ITA6V5B3
BZW03-C270	BZW04-239	ITA10B1	ITA10B1
BZW04-5V8,B	BZW04-5V8,B	ITA10B3	ITA10B3
.	.	ITA18B1	ITA18B1
.	.	ITA18B3	ITA18B3
BZW04-376,B	BZW04-376,B	ITA25B1	ITA25B1
BZW04P5V8,B	BZW04P5V8,B	ITA25B3	ITA25B3
.	.	L3100B	L3100B
.	.	L3100B1	L3100B1
BZW04P376,B	BZW04P376,B	L3121B	L3121B
BZW06-5V8,B	BZW06-5V8,B	LCP150S	LCP150S
.	.	LCP1511	LCP1511
.	.	LCP1512	LCP1512
BZW06-376,B	BZW06-376,B	LCTA6V1M3	LCTA6V1M3
BZW06P5V8,B	BZW06P5V8,B	LS5018B	LS5018B
.	.	LS5060B	LS5060B
.	.	LS5120B	LS5120B
BZW06P376,B	BZW06P376,B	LVT3V3	LVT3V3
BZW50-8V2,B	BZW50-8V2,B	MPT-5	1N5908
.	.	MPTE-5	1N5908
.	.	MR2520L	LDP24AS
BZW50-180,B	BZW50-180,B	P0800EA	TPA68A18
CP2009	1.5KE9V1CP	P1050EA	TPA82A18
.	.	P1100EA	TPA91B18
.	.	P1200EA	TPA100B18
CP2440	1.5KE440CP	P1300EA	TPA110B18
CP3012	BZW50-10B	P1400EA	TPA120B18
.	.	P1500EA	TPA120A18
.	.	P1602AA	2 * TPA62A18
CP3220	BZW50-100B	P1602AB	2 * TPB62A18
DL2-5,A	ITA6V1U3	P2000AA	TPA160A18
DLTS-5,A	ITA6V1U3	P2200AA	TPA180B18
FP1006,A	P6KE6V8CP,CA	P2202AA	2 * TPA91A18
.	.	P2202AB	2 * TPB91A18
.	.	P2400AA	TPA200B18

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INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
P2500AA	TPA220B18	P4KE9.1,C	BZW04P7V8,B
P2702AA	2 * TPA110A18	P4KE10,C	BZW04P8V5,B
P2702AB	2 * TPB110A18	P4KE11,C	BZW04P9V4,B
P3000AA	TPA240B18	P4KE12,C	BZW04P10,B
P3002AA	2 * TPA120A18	P4KE13,C	BZW04P11,B
P3002AB	2 * TPB120A18	P4KE15,C	BZW04P13,B
P3300AA	TPA270A18	P4KE16,C	BZW04P14,B
P4KA6.8,C	BZW04P5V8,B	P4KE18,C	BZW04P15,B
P4KA7.5,C	BZW04P6V4,B	P4KE20,C	BZW04P17,B
P4KA8.2,C	BZW04P7V0,B	P4KE22,C	BZW04P19,B
P4KA9.1,C	BZW04P7V8,B	P4KE24,C	BZW04P20,B
P4KA10,C	BZW04P8V5,B	P4KE27,C	BZW04P23,B
P4KA11,C	BZW04P9V4,B	P4KE30,C	BZW04P26,B
P4KA12,C	BZW04P10,B	P4KE33,C	BZW04P28,B
P4KA13,C	BZW04P11,B	P4KE36,C	BZW04P31,B
P4KA15,C	BZW04P13,B	P4KE39,C	BZW04P33,B
P4KA16,C	BZW04P14,B	P4KE43,C	BZW04P37,B
P4KA18,C	BZW04P15,B	P4KE47,C	BZW04P40,B
P4KA20,C	BZW04P17,B	P4KE51,C	BZW04P44,B
P4KA22,C	BZW04P19,B	P4KE56,C	BZW04P48,B
P4KA24,C	BZW04P20,B	P4KE62,C	BZW04P53,B
P4KA27,C	BZW04P23,B	P4KE68,C	BZW04P58,B
P4KA30,C	BZW04P26,B	P4KE75,C	BZW04P64,B
P4KA33,C	BZW04P28,B	P4KE82,C	BZW04P70,B
P4KA36,C	BZW04P31,B	P4KE91,C	BZW04P78,B
P4KA39,C	BZW04P33,B	P4KE100,C	BZW04P85,B
P4KA43,C	BZW04P37,B	P4KE110,C	BZW04P94,B
P4KA6.8A,CA	BZW04-5V8,B	P4KE120,C	BZW04P102,B
P4KA7.5A,CA	BZW04-6V4,B	P4KE130,C	BZW04P111,B
P4KA8.2A,CA	BZW04-7V0,B	P4KE150,C	BZW04P128,B
P4KA9.1A,CA	BZW04-7V8,B	P4KE160,C	BZW04P136,B
P4KA10A,CA	BZW04-8V5,B	P4KE170,C	BZW04P145,B
P4KA11A,CA	BZW04-9V4,B	P4KE180,C	BZW04P154,B
P4KA12A,CA	BZW04-10,B	P4KE200,C	BZW04P171,B
P4KA13A,CA	BZW04-11,B	P4KE220,C	BZW04P188,B
P4KA15A,CA	BZW04-13,B	P4KE250,C	BZW04P213,B
P4KA16A,CA	BZW04-14,B	P4KE300,C	BZW04P256,B
P4KA18A,CA	BZW04-15,B	P4KE350,C	BZW04P299,B
P4KA20A,CA	BZW04-17,B	P4KE400,C	BZW04P342,B
P4KA22A,CA	BZW04-19,B	P4KE6.8A,CA	BZW04-5V8,B
P4KA24A,CA	BZW04-20,B	P4KE7.5A,CA	BZW04-6V4,B
P4KA27A,CA	BZW04-23,B	P4KE8.2A,CA	BZW04-7V0,B
P4KA30A,CA	BZW04-26,B	P4KE9.1A,CA	BZW04-7V8,B
P4KA33A,CA	BZW04-28,B	P4KE10A,CA	BZW04-8V5,B
P4KA36A,CA	BZW04-31,B	P4KE11A,CA	BZW04-9V4,B
P4KA39A,CA	BZW04-33,B	P4KE12A,CA	BZW04-10,B
P4KA43A,CA	BZW04-37,B	P4KE13A,CA	BZW04-11,B
P4KE6.8,C	BZW04P5V8,B	P4KE15A,CA	BZW04-13,B
P4KE7.5,C	BZW04P6V4,B	P4KE16A,CA	BZW04-14,B
P4KE8.2,C	BZW04P7V0,B	P4KE18A,CA	BZW04-15,B

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INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
P4KE20A,CA	BZW04-17,B	P5KE22,A	P6KE27P,A
P4KE22A,CA	BZW04-19,B	P5KE24,A	P6KE27P,A
P4KE24A,CA	BZW04-20,B	P5KE26,A	P6KE30P,A
P4KE27A,CA	BZW04-23,B	P5KE28,A	P6KE33P,A
P4KE30A,CA	BZW04-26,B	P5KE30,A	P6KE36P,A
P4KE33A,CA	BZW04-28,B	P5KE33,A	P6KE39P,A
P4KE36A,CA	BZW04-31,B	P5KE36,A	P6KE43P,A
P4KE39A,CA	BZW04-33,B	P5KE40,A	P6KE47P,A
P4KE43A,CA	BZW04-37,B	P5KE43,A	P6KE51P,A
P4KE47A,CA	BZW04-40,B	P5KE45,A	P6KE51P,A
P4KE51A,CA	BZW04-44,B	P5KE48,A	P6KE56P,A
P4KE56A,CA	BZW04-48,B	P5KE51,A	P6KE62P,A
P4KE62A,CA	BZW04-53,B	P5KE54,A	P6KE62P,A
P4KE68A,CA	BZW04-58,B	P5KE58,A	P6KE68P,A
P4KE75A,CA	BZW04-64,B	P5KE60,A	P6KE68P,A
P4KE82A,CA	BZW04-70,B	P5KE64,A	P6KE75P,A
P4KE91A,CA	BZW04-78,B	P5KE70,A	P6KE82P,A
P4KE100A,CA	BZW04-85,B	P5KE75,A	P6KE91P,A
P4KE110A,CA	BZW04-94,B	P5KE78,A	P6KE91P,A
P4KE120A,CA	BZW04-102,B	P5KE85,A	P6KE100P,A
P4KE130A,CA	BZW04-111,B	P5KE90,A	P6KE110P,A
P4KE150A,CA	BZW04-128,B	P5KE100,A	P6KE120P,A
P4KE160A,CA	BZW04-136,B	P5KE110,A	P6KE130P,A
P4KE170A,CA	BZW04-145,B	P5KE120,A	P6KE150P,A
P4KE180A,CA	BZW04-154,B	P5KE130,A	P6KE150P,A
P4KE200A,CA	BZW04-171,B	P5KE150,A	P6KE180P,A
P4KE220A,CA	BZW04-188,B	P5KE160,A	P6KE180P,A
P4KE250A,CA	BZW04-213,B	P5KE170,A	P6KE200P,A
P4KE300A,CA	BZW04-256,B	P5KE5.0C,CA	P6KE6V8CP,CA
P4KE350A,CA	BZW04-299,B	P5KE6.0C,CA	P6KE6V8CP,CA
P4KE400A,CA	BZW04-342,B	P5KE6.5C,CA	P6KE7V5CP,CA
P4802AB	2 * TPB200B18	P5KE7.0C,CA	P6KE8V2CP,CA
P5KE5.0,A	P6KE6V8P,A	P5KE7.5C,CA	P6KE9V1CP,CA
P5KE6.0,A	P6KE6V8P,A	P5KE8.0C,CA	P6KE9V1CP,CA
P5KE6.5,A	P6KE7V5P,A	P5KE8.5C,CA	P6KE10CP,CA
P5KE7.0,A	P6KE8V2P,A	P5KE9.0C,CA	P6KE11CP,CA
P5KE7.5,A	P6KE9V1P,A	P5KE10C,CA	P6KE12CP,CA
P5KE8.0,A	P6KE9V1P,A	P5KE11C,CA	P6KE13CP,CA
P5KE8.5,A	P6KE10P,A	P5KE12C,CA	P6KE15CP,CA
P5KE9.0,A	P6KE11P,A	P5KE13C,CA	P6KE15CP,CA
P5KE10,A	P6KE12P,A	P5KE14C,CA	P6KE16CP,CA
P5KE11,A	P6KE13P,A	P5KE15C,CA	P6KE18CP,CA
P5KE12,A	P6KE15P,A	P5KE16C,CA	P6KE18CP,CA
P5KE13,A	P6KE15P,A	P5KE17C,CA	P6KE20CP,CA
P5KE14,A	P6KE16P,A	P5KE18C,CA	P6KE22CP,CA
P5KE15,A	P6KE18P,A	P5KE20C,CA	P6KE25CP,CA
P5KE16,A	P6KE18P,A	P5KE22C,CA	P6KE27CP,CA
P5KE17,A	P6KE20P,A	P5KE24C,CA	P6KE27CP,CA
P5KE18,A	P6KE22P,A	P5KE26C,CA	P6KE30CP,CA
P5KE20,A	P6KE25P,A	P5KE28C,CA	P6KE33CP,CA

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
P5KE30C,CA	P6KE36CP,CA	P7T-27,B	P7T-27,B
P5KE33C,CA	P6KE39CP,CA	P7T-43,B	P7T-43,B
P5KE36C,CA	P6KE43CP,CA	P7T-110,B	P7T-110,B
P5KE40C,CA	P6KE47CP,CA	RBO08-40	RBO08-40
P5KE43C,CA	P6KE51CP,CA	RBO40-40	RBO40-40
P5KE45C,CA	P6KE51CP,CA	S5KP10,C	BZW50-10,B
P5KE48C,CA	P6KE56CP,CA	.	.
P5KE51C,CA	P6KE62CP,CA	↓	↓
P5KE54C,CA	P6KE62CP,CA	S5KP100,C	BZW50-100,B
P5KE58C,CA	P6KE68CP,CA	SA5.0,A	P6KE6V8P,A
P5KE60C,CA	P6KE68CP,CA	SA6.0,A	P6KE6V8P,A
P5KE64C,CA	P6KE75CP,CA	SA6.5,A	P6KE7V5P,A
P5KE70C,CA	P6KE82CP,CA	SA7.0,A	P6KE8V2P,A
P5KE75C,CA	P6KE91CP,CA	SA7.5,A	P6KE9V1P,A
P5KE78C,CA	P6KE91CP,CA	SA8.0,A	P6KE9V1P,A
P5KE85C,CA	P6KE100CP,CA	SA8.5,A	P6KE10P,A
P5KE90C,CA	P6KE110CP,CA	SA9.0,A	P6KE11P,A
P5KE100C,CA	P6KE120CP,CA	SA10,A	P6KE12P,A
P5KE110C,CA	P6KE130CP,CA	SA11,A	P6KE13P,A
P5KE120C,CA	P6KE150CP,CA	SA12,A	P6KE15P,A
P5KE130C,CA	P6KE150CP,CA	SA13,A	P6KE15P,A
P5KE150C,CA	P6KE180CP,CA	SA14,A	P6KE16P,A
P5KE160C,CA	P6KE180CP,CA	SA15,A	P6KE18P,A
P5KE170C,CA	P6KE200CP,CA	SA16,A	P6KE18P,A
P6002AB	2 * TPB240A18	SA17,A	P6KE20P,A
P6KA6.8,A	P6KE6V8P,A	SA18,A	P6KE22P,A
.	.	SA20,A	P6KE25P,A
↓	↓	SA22,A	P6KE27P,A
P6KA43,A	P6KE43P,A	SA24,A	P6KE27P,A
P6KA6.8C,CA	P6KE6V8CP,CA	SA26,A	P6KE30P,A
.	.	SA28,A	P6KE33P,A
↓	↓	SA30,A	P6KE36P,A
P6KA43C,CA	P6KE43CP,CA	SA33,A	P6KE39P,A
P6KE6V8,A	P6KE6V8P,A	SA36,A	P6KE43P,A
.	.	SA40,A	P6KE47P,A
↓	↓	SA43,A	P6KE51P,A
P6KE440,A	P6KE440P,A	SA45,A	P6KE51P,A
P6KE6V8C,CA	P6KE6V8CP,CA	SA48,A	P6KE56P,A
.	.	SA51,A	P6KE62P,A
↓	↓	SA54,A	P6KE62P,A
P6KE440C,CA	P6KE440CP,CA	SA58,A	P6KE68P,A
P6SMB6.8A	SM6T6V8A	SA60,A	P6KE68P,A
.	.	SA64,A	P6KE75P,A
↓	↓	SA70,A	P6KE82P,A
P6SMB200A	SM6T200A	SA75,A	P6KE91P,A
P7KE10,C	P7T-10,B	SA78,A	P6KE91P,A
.	.	SA85,A	P6KE100P,A
↓	↓	SA90,A	P6KE110P,A
P7KE100,C	P7T-110,B	SA100,A	P6KE120P,A
P7T-10,B	P7T-10,B	SA110,A	P6KE130P,A

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
SA120,A	P6KE150P,A	SA170C,CA	P6KE200CP,CA
SA130,A	P6KE150P,A	SA100-230	SA100-230
SA150,A	P6KE180P,A	SA100-265	SA100-265
SA160,A	P6KE180P,A	SAB5.0	P6KE6V8A
SA170,A	P6KE200P,A	SAB10	P6KE12A
SA5.1C,CA	P6KE6V8CP,CA	SAB12	P6KE15A
SA6.0C,CA	P6KE6V8CP,CA	SAB15	P6KE18A
SA6.5C,CA	P6KE7V5CP,CA	SAB18	P6KE22A
SA7.0C,CA	P6KE8V2CP,CA	SAB24	P6KE27A
SA7.5C,CA	P6KE9V1CP,CA	SAB28	P6KE30A
SA8.0C,CA	P6KE9V1CP,CA	SBL10,C	P7T-10,B
SA8.5C,CA	P6KE10CP,CA	SBL25,C	P7T-27,B
SA9.0C,CA	P6KE11CP,CA	SBL43,C	P7T-43,B
SA10C,CA	P6KE12CP,CA	SBL100,C	P7T-110,B
SA11C,CA	P6KE13CP,CA	SGT06U13	TPB62A12
SA12C,CA	P6KE15CP,CA	SGT23B13	TPB220B18
SA13C,CA	P6KE15CP,CA	SGT23U13	TPB220B18
SA14C,CA	P6KE16CP,CA	SGT27B13	TPB270B18
SA15C,CA	P6KE18CP,CA	SM5908	SM5908
SA16C,CA	P6KE18CP,CA	SM4T6V8A,CA	SM4T6V8A,CA
SA17C,CA	P6KE20CP,CA	.	.
SA18C,CA	P6KE22CP,CA	SM4T220A,CA	SM4T220A,CA
SA20C,CA	P6KE25CP,CA	SM6T6V8A,CA	SM6T6V8A,CA
SA22C,CA	P6KE27CP,CA	.	.
SA24C,CA	P6KE27CP,CA	SM6T220A,CA	SM6T220A,CA
SA26C,CA	P6KE30CP,CA	SM15T6V8A,CA	SM15T6V8A,CA
SA28C,CA	P6KE33CP,CA	.	.
SA30C,CA	P6KE36CP,CA	SM15T220A,CA	SM15T220A,CA
SA33C,CA	P6KE39CP,CA	SMBJ6.0,A	SM6T6V8,A
SA36C,CA	P6KE43CP,CA	SMBJ6.5,A	SM6T7V5,A
SA40C,CA	P6KE47CP,CA	SMBJ8.5,A	SM6T10,A
SA43C,CA	P6KE51CP,CA	SMBJ10,A	SM6T12,A
SA45C,CA	P6KE51CP,CA	SMBJ13,A	SM6T15,A
SA48C,CA	P6KE56CP,CA	SMBJ16,A	SM6T18,A
SA51C,CA	P6KE62CP,CA	SMBJ24,A	SM6T27,A
SA54C,CA	P6KE62CP,CA	SMBJ26,A	SM6T30,A
SA58C,CA	P6KE68CP,CA	SMBJ28,A	SM6T33,A
SA60C,CA	P6KE68CP,CA	SMBJ33,A	SM6T39,A
SA64C,CA	P6KE75CP,CA	SMBJ58,A	SM6T68,A
SA70C,CA	P6KE82CP,CA	SMBJ60,A	SM6T68,A
SA75C,CA	P6KE91CP,CA	SMBJ85,A	SM6T100,A
SA78C,CA	P6KE91CP,CA	SMBJ130,A	SM6T150,A
SA85C,CA	P6KE100CP,CA	SMBJ170,A	SM6T200,A
SA90C,CA	P6KE110CP,CA	SMBJ6.5C,CA	SM6T7V5C,CA
SA100C,CA	P6KE120CP,CA	SMBJ8.5C,CA	SM6T10C,CA
SA110C,CA	P6KE130CP,CA	SMBJ10C,CA	SM6T12C,CA
SA120C,CA	P6KE150CP,CA	SMBJ24C,CA	SM6T27C,CA
SA130C,CA	P6KE150CP,CA		
SA150C,CA	P6KE180CP,CA		
SA160C,CA	P6KE180CP,CA		



**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
SMBJ26C,CA	SM6T30C,CA	THBT15011	THBT15011
SMBJ33C,CA	SM6T39C,CA	THBT15012	THBT15012
SMCJ6.0,A	SM15T6V8,A	THBT20011	THBT20011
SMCJ6.5,A	SM15T7V5,A	THBT20012	THBT20012
SMCJ8.5,A	SM15T10,A	THBT27011	THBT27011
SMCJ10,A	SM15T12,A	THBT27012	THBT27012
SMCJ13,A	SM15T15,A	THDT58S	THDT58S
SMCJ16,A	SM15T18,A	THDT5111	THDT5111
SMCJ24,A	SM15T27,A	THDT5112	THDT5112
SMCJ26,A	SM15T30,A	THDT6511	THDT6511
SMCJ28,A	SM15T33,A	THDT6512	THDT6512
SMCJ33,A	SM15T39,A	TISP1072F3	THDT5111D
SMCJ58,A	SM15T68,A	TISP1082	THDT58S
SMCJ60,A	SM15T68,A	TISP3290	THBT200SD
SMCJ85,A	SM15T100,A	TISP4072F3	TPA62B12/18
SMCJ130,A	SM15T150,A	TISP4082	TPB62A12
SMCJ170,A	SM15T200,A	TISP4125F3	SMPA100
SMCJ6.5C,CA	SM15T7V5C,CA	TISP4150F3	SMPA110
SMCJ8.5C,CA	SM15T10C,CA	TISP4180	TPB150B12
SMCJ10C,CA	SM15T12C,CA	TISP4240F3	SMPA180
SMCJ24C,CA	SM15T27C,CA	TISP4260F3	SMPA200
SMCJ26C,CA	SM15T30C,CA	TISP4290F3	SMPA220
SMCJ33C,CA	SM15T39C,CA	TISP4320F3	SMPA240
SMLVT3V3	SMLVT3V3	TISP4380F3	SMPA270
SMTHBT200	SMTHBT200	TISP5160	TPA120A12
SMTHDT58	SMTHDT58	TISP5180	TPA150A12
SMTHDT80	SMTHDT80	TISP5290	TPA200A12
SMTHDT120	SMTHDT120	TISP61CAP3	LCP1511D
SMPA62A12,A18	SMPA62A12,A18	TISP7125F3	TP18011
↓	↓	TISP7180F3	TP12011
SMPA270A12,A18	SMPA270A12,A18	TISP7240F3	THBT15011D
↓	↓	TISP7290F3	THBT20011D
SMPA62B12,B18	SMPA62B12,B18	TISP7380F3	THBT27011
↓	↓	TISP8290	THBT200SD
SMPA270B12,B18	SMPA270B12,B18	TISP9180	TPA150A12
↓	↓	TISP9290	TPA200A12
SMPB62A12,A18	SMP62A12,A18	TM1030	LCP1511
↓	↓	TM1060	LCP1511
SMPB270A12,A18	SMPB270A12,A18	TPA62A12,A18	TPA62A12,A18
↓	↓	↓	↓
SMPB62B12,B18	SMPB62B12,B18	TPA270A12,A18	TPA270A12,A18
↓	↓	TPA62B12,B18	TPA62B12,B18
SMPB270B12,B18	SMPB270B12,B18	↓	↓
SMPU58	SMPU58	TPA270B12,B18	TPA270B12,B18
SMPU80	SMPU80	TPB62A12,A18	TP62A12,A18
SMPU120	SMPU120	↓	↓
TCM1030	LCP1512	TPB270A12,A18	TPB270A12,A18
TCM1060	LCP1512	↓	↓
THBT200S	THBT200S	↓	↓

## PROTECTION DEVICES

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
TPB62B12,B18	TPB62B12,B18
↓	↓
TPB270B12,B18	TPB270B12,B18
TPI8011	TPI8011
TPI8012	TPI8012
TPI12011	TPI12011
TPI12012	TPI12012
TPP25011	TPP25011
TPP25012	TPP25012
TPU58	TPU58
TPU80	TPU80
TPU120	TPU120
TVS505	P6KE6V8A
↓	↓
TVS528	P6KE33A
ZP1006,A	P6KE6V8P,A
↓	↓
ZP1400,A	P6KE400P,A
ZP2006,A	1.5KE6V8P,A
↓	↓
ZP2275,A	1.5KE400P,A
ZP3012A	BZW50-10
↓	↓
FP3200A	BZW50-180
ZP5027S	LDP24AS
ZP5028S	LDP24AS
ZP5030S	LDP24AS
ZZ-16	P7T-10,B
ZZ-36	P7T-27,B
ZZ-62	P7T-43,B
ZZ-160	P7T-110,B
ZZY-16	P7T-10,B
ZZY-36	P7T-27,B
ZZY-62	P7T-43,B
ZZY-160	P7T-110,B